

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/730,851 Confirmation No. : 5241
Applicant : Arnold H. Bramnick
Filed : December 9, 2003
TC/A.U. : 3628
Examiner : Robinson Boyce, Akiba K.
Docket No. : BOC9-2003-0038 (407)

DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents,
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, James Burch, a citizen of the United States, residing in Cooper City, Florida, hereby declare and state as follows:


1. I was employed by International Business Machines Corporation (IBM) of Armonk, New York at the time the above-identified application was conceived. I make this declaration in support of the above-identified application.
2. IBM has invested substantial time and effort into the research, development, and marketing of their products, and in an effort to protect its rights in all new inventions, IBM requests that all employees prepare and submit confidential Invention Disclosure Forms upon conception by the inventor(s).
3. As a named co-inventor for this invention, I and my co-inventors prepared and submitted the attached Invention Disclosure No. BOC8-2003-0035 (hereinafter "Invention Disclosure") pursuant to IBM guidelines.
4. The Invention Disclosure was originally submitted for consideration to an IBM Attorney/Patent Professional for preparation of a patent application on February 18, 2003, and was insubstantially modified on February 26, 2003. The content of the Invention Disclosure has not been subsequently modified. The Invention Disclosure represents a fully conceived and workable invention as written. I reviewed the claims of the above-mentioned patent application prior to submission of the application to assure the claimed invention was fully supported by the

Invention Disclosure in light of the Invention Disclosure and art known at the time of the disclosure.

5. I diligently worked with outside counsel to prepare and file the above-mentioned patent application.

6. I make this Declaration to establish that my co-inventors and I conceived of the present invention at least as early as February 18, 2003, and exercised due diligence from that date to the date of filing for the above-identified patent application.

7. I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the above-identified patent application or any patent issuing thereon.


James Burch

Date: 11/18/08

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/730,851 Confirmation No. : 5241
 Applicant : Arnold H. Bramnick
 Filed : December 9, 2003
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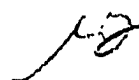
DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

Sir:

I, Arnold H. Bramnick, a citizen of the United States, residing in Boca Raton, Florida, hereby declare and state as follows:

1. I was employed by International Business Machines Corporation (IBM) of Armonk, New York at the time the above-identified application was conceived. I make this declaration in support of the above-identified application.
2. IBM has invested substantial time and effort into the research, development, and marketing of their products, and in an effort to protect its rights in all new inventions, IBM requests that all employees prepare and submit confidential Invention Disclosure Forms upon conception by the inventor(s).
3. As a named co-inventor for this invention, I and my co-inventors prepared and submitted the attached Invention Disclosure No. BOC8-2003-0035 (hereinafter "Invention Disclosure") pursuant to IBM guidelines.
4. The Invention Disclosure was originally submitted for consideration to an IBM Attorney/Patent Professional for preparation of a patent application on February 18, 2003, and was insubstantially modified on February 26, 2003. The content of the Invention Disclosure has not been subsequently modified. The Invention Disclosure represents a fully conceived and workable invention as written. I reviewed the claims of the above-mentioned patent application prior to submission of the application to assure the claimed invention was fully supported by the



Invention Disclosure in light of the Invention Disclosure and art known at the time of the disclosure.

5. I diligently worked with outside counsel to prepare and file the above-mentioned patent application.

6. I make this Declaration to establish that my co-inventors and I conceived of the present invention at least as early as February 18, 2003, and exercised due diligence from that date to the date of filing for the above-identified patent application.

7. I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the above-identified patent application or any patent issuing thereon.


Arnold H. Bramnick

Date: 11/18/08



Disclosure BOC8-2003-0035

Prepared for and/or by an IBM Attorney - IBM Confidential

Created By Arnold H Bramnick On 02/18/2003 12:05:09 PM MST

Last Modified By Elaine Venturelli On 02/26/2003 01:39:46 PM EST

Required fields are marked with the asterisk (*) and must be filled in to complete the form .

*Title of disclosure (in English)

A method to reaccommodate airline passengers on an individualized basis via a self service device

Summary

| | |
|------------------------------|-------------------------------|
| Status | Under Evaluation |
| Final Deadline | |
| Final Deadline Reason | |
| *Processing Location | Boca Raton |
| *Functional Area | [REDACTED] |
| Attorney/Patent Professional | Richard Tomlin/Boca Raton/IBM |
| IDT Team | [REDACTED] |
| Submitted Date | 02/19/2003 05:48:06 AM MST |
| *Owning Division | [REDACTED] |
| Incentive Program | |
| Lab | [REDACTED] |

Inventors with a Blue Pages entry

Inventors: Arnold H Bramnick/Fort Lauderdale/IBM, Lee Farnum/Southbury/IBM, Ken Burch/Fort Lauderdale/IBM

| Inventor Name | Inventor Serial | Inventor Div/Dept | Inventor Phone | Manager Name |
|---------------|-----------------|-------------------|----------------|--------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

> denotes primary contact

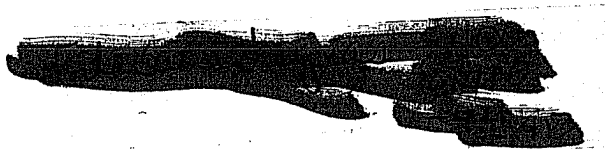
Inventors without a Blue Pages entry

IDT Selection

*Main Idea

1. Background: What is the problem solved by your invention? Describe known solutions to this problem (if any). What are the drawbacks of such known solutions, or why is an additional solution required? Cite any relevant technical documents or references.

In the airline industry, there are times when a passenger misses a flight (examples are; delayed inbound



flight or flight cancellation). When this happens passengers are rebooked automatically if possible, but often the passenger must wait in line to talk to a customer service representatives (CSR) and rework the flight schedule. We propose to create a function which is intended to be hosted on self service machines, such as kiosks, which would allow passengers to reaccommodate themselves. The options for reaccommodation offered to the passenger would differ based upon information which resides in several different databases, including financial information

THIS INVENTION WAS CREATED ON 12/12/2002. An HTML based demo (static pages) was completed 1 week later

2. Summary of Invention: Briefly describe the core idea of your invention (saving the details for questions #3 below). Describe the advantage(s) of using your invention instead of the known solutions described above.

This invention proposes the creation of a business intelligence system which would have access to financial information presently found in many databases. In the event of a flight cancelation or missed connection, the system would, in real time, aggregate data from airline support and revenue accounting systems and present a set of rebooking options to the passenger via a kiosk (or other self service interface). The goal is to maximize revenue retention both in ticket value and customer goodwill. Information accessed would include (but not be limited to)

Remaining value of passenger ticket coupons
Value of passenger to airline

The goal is to minimize the current and future loss to the airline due when passengers need to be reaccommodated


An example of the above problem is as follows:

XX flight 123 is late on arrival by 45 minutes causing 20 passengers to miss connections. There are available seats on XX flights to reaccommodate only 12 of the passengers. Which 8 should be bumped to other airlines? The airline should be interesting in keeping the passengers with tickets that have high remaining unflown value (for example; passengers connecting on the same carrier to Europe in business class would be desirable to accommodate on airline XX). Also when a passenger is reaccommodated on another airline, the protecting airline pays a pre agreed price for the seat (rule 240 involuntary reroute). The airline might not want to reaccommodate passengers traveling on super discount tickets as they will lose significant money on the interline protection.

Passengers would be offered self service kiosks (for example) to review and/or change their itinerary. The reaccommodation options offered would depend on many factors in addition to seat availability. To attempt to salvage passenger goodwill the system would include, when appropriate, offers of compensation or incentives such as bonus mileage or upgrades to a higher level of service.

3. Description: Describe how your invention works, and how it could be implemented, using text, diagrams and flow charts as appropriate.

The first 3 screen shot are intended to show reaccommodation options offered to passenger depending on the value that passenger represents to the airline. In this first screen Mr. Williams traveling to Newark NJ is offered 1 choice (with a 2 hour layover)



azureairlines.com
clearly, your first choice for travel

[Start Page](#)


Welcome, Adam Williams

We Found the Following Options That Will Complete Your Itinerary


Flights to Newark, NJ

Select This Flight

| Flight | Date | Departure Time | Arrival Time | Seat Availability |
|--|--------|----------------|--------------|-------------------|
| FLT 213 | Oct 21 | 5:45 PM | 10:45 PM | AVAILABLE |
| Connects in Cincinnati, OH. Two Hour Layover | | | | |



In this next screen shot Ms. Burch, being a more valuable customer to the airline is offered 3 options to the same Newark Airport.


azureairlines.com
clearly your first choice for travel

[Start Page](#)

Welcome, Karen Burch

We Apologize for the Inconvenience! We Hope the Following Options to Complete Your Itinerary are Suitable to You!

Flights to Newark, NJ

Select This Flight

| Flight | Date | Departure Time | Arrival Time | Seat Availability |
|---|--------|----------------|--------------|-------------------|
| Flight 400 | Oct 21 | 3:45 PM | 5:45 PM | AVAILABLE |
| <i>Note: This is a flight on our partner airline, World Class Airlines.</i> | | | | |

Select This Flight


| Flight | Date | Departure Time | Arrival Time | Seat Availability |
|------------|--------|----------------|--------------|-------------------|
| Flight 789 | Oct 21 | 4:45 PM | 6:45 PM | STANDBY |

Select This Flight

| Flight | Date | Departure Time | Arrival Time | Seat Availability |
|--|--------|----------------|--------------|-------------------|
| Flight 213 | Oct 21 | 5:45 PM | 10:45 PM | AVAILABLE |
| Connects in Cincinnati, OH. Two Hour Layover | | | | |



In the next screen shot, Mr. Farnum is offered 2 options one of which includes a complimentary 1st class upgrade to apologize for the inconvenience.


azureairlines.com
clearly, your first choice for travel

[Start Page](#)

Welcome, Lawrence Farnum

We Apologize for the Inconvenience! We Hope the Following Options to Complete Your Itinerary are Suitable to You!

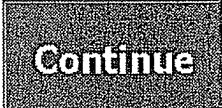
Flights to Los Angeles, CA

Select This Flight

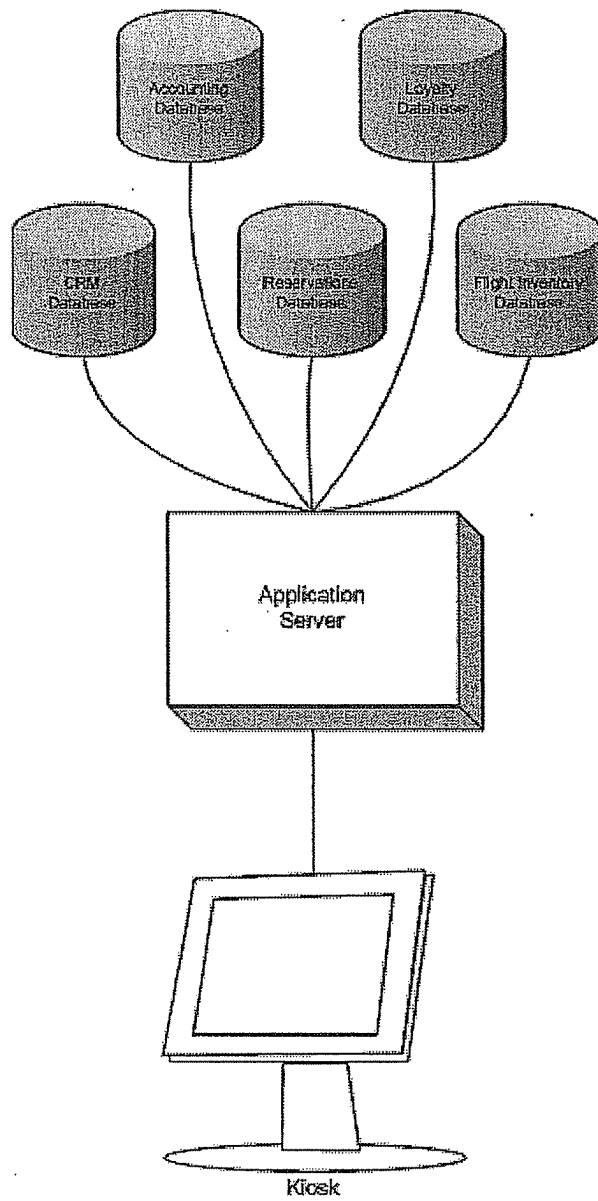
Select This Flight

| Flight | Date | Departure Time | Arrival Time | Seat Availability |
|--|--------|----------------|--------------|-------------------|
| FLT 341 | Oct 21 | 4:45 PM | 6:45 PM | AVAILABLE |
| <i>Note: A First Class Seat is Available For You</i> | | | | |

| Flight | Date | Departure Time | Arrival Time | Seat Availability |
|--|--------|----------------|--------------|-------------------|
| FLT 490 | Oct 21 | 5:45 PM | 9:45 PM | AVAILABLE |
| Connects in Dallas/Ft. Worth, TX. Two Hour Layover | | | | |



The customers' value is determined by accessing data in the CRM and Loyalty (frequent flyer) databases. In addition to accessing the Reservations, Flight inventory and accounting databases. CRM and Loyalty will allow a program running on the application server shown below to determine the "value" of that passenger. The accounting DB is needed to determine the remaining coupon value on the flight ticket(s) and the reservations and inventory databases are required to offer reaccommodation options. The application program is provided rules by which options are offered to the passenger at the kiosk.



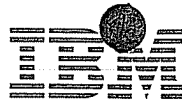
Page 7

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Printed 02/26/2003 at 01:58:58 PM

[REDACTED]

Form Revised 09/01/02)



8051 Congress Avenue
Boca Raton, FL 33487

6169-407

April 29, 2003

Akerman, Senterfitt
222 Lakeview Avenue
Suite 400
West Palm Beach, FL 33401

REF: Invention Disclosure: BOC8-2003-0035


Title: A method to reaccommodate airline passengers on an individualized basis via a self service device

IBM Docket: BOC9-2003-0038

Dear Kevin,

Please prepare and file the above referenced case with the U.S. Patent and Trademark Office. A copy of the invention disclosure, patentability search results and inventor's comments are enclosed for your use in preparation of the application in accordance with IBM's format.

Sincerely,


Richard A. Tomlin

Enclosures

Exhibit "A"

RECEIVED
DOCKETING

APR 30 2003

AKERMAN SENTERFITT, P.A.



Boca Raton
Fort Lauderdale
Jacksonville
Miami
Orlando
Tallahassee
Tampa
West Palm Beach

222 Lakeview Avenue
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West Palm Beach, Florida 33401-6147
Post Office Box 3188 *mail*
West Palm Beach, Florida 33402-3188
www.akerman.com
561 653 5000 *tel* 561 659 6313 *fax*

Direct Dial: 561-671-3658
E-Mail: kcuenot@akerman.com

May 7, 2003

Richard A. Tomlin, Esquire
IBM Corporation
8051 Congress Avenue
IMAD 4041
Boca Raton, FL 33487

RE: New U.S. Patent Application
METHOD TO REACCOMMODATE AIRLINE PASSENGERS ON AN
INDIVIDUALIZED BASIS VIA A SELF SERVICE DEVICE
IBM Docket No. BOC9-2003-0038; Our Reference No.: 6169-407

Dear Dick:

Thank you for your letter dated April 29, 2003. In accordance with IBM standard protocol, a patent application will be prepared and filed in the above-referenced matter on or before October 26, 2003. We have made a note, however, that there may be a bar date of January 1, 2004, due to a previous disclosure. Notwithstanding, we will strive to prepare the patent application in an expedient manner.

As always, thank you for allowing us to be of assistance to you.

Very truly yours,

AKERMAN SENTERFITT

Kevin T. Cuenot

KTC/aa

Exhibit "B"

Alaine Allison - Draft Patent Application (BOC9-2003-0038; 6169-407)

From: Kevin T. Cuenot
To: bramnick@us.ibm.com; Burch, Ken; lfarnum@us.ibm.com
Date: 11/28/2003 3:48 PM
Subject: Draft Patent Application (BOC9-2003-0038; 6169-407)
CC: Allison, Alaine; esquim@us.IBM.com; Venturelli, Elaine

RE: Draft Patent Application for SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS
ON AN INDIVIDUALIZED BASIS VIA A SELF-SERVICE DEVICE
IBM Docket No. BOC9-2003-0038; Our Reference No. 6169-407

Dear Inventors:

Attached please find a draft of a patent application and associated drawings for your review in the above-identified matter. Please review the application carefully to ensure that the description of the invention accurately recites all of the invention's characteristics in the broadest possible manner, while also explaining, in detail, the preferred embodiment of the invention. The drawings should also be reviewed to confirm that they accurately depict the various details of the invention as you and your co-inventors understand them.

Importantly, please ensure that each inventor named on the cover sheet of the patent application has contributed to the conception of your invention as described in at least one of these claims. If, for some reason we have neglected to list an inventor who has contributed to the conception of subject matter described in a claim, please so advise us immediately.

Once you have reviewed the draft application, please forward your comments and/or any suggestions you may have.

Please keep in mind that we have been asked by the IP Law Department to file the referenced patent application in the U.S. Patent and Trademark Office on or December 15, 2003, and as such, would appreciate your prompt attention to this request.

Very truly yours,

AKERMAN SENTERFITT

Kevin T. Cuenot
Akerman Senterfitt
222 Lakeview Avenue, Suite 400
West Palm Beach, FL 33401
(561) 671-3658 (Phone)
(561) 659-6313 (Fax)
E-Mail: kcuenot@akerman.com

Exhibit "C"

Alaine Allison - Re: Draft Patent Application (BOC9-2003-0038; 6169-407)

From: Kevin T. Cuenot
To: Bramnick, Arnold H
Date: 12/1/2003 3:22 PM
Subject: Re: Draft Patent Application (BOC9-2003-0038; 6169-407)
CC: Allison, Alaine

Arnold,

Thanks for your comments. I'll add language relating to VRU's and a block in the figure.

Thanks,
 Kevin

>>> "Arnold H Bramnick" <bramnick@us.ibm.com> 12/01/03 03:01PM >>>

Kevin,
 Here are my comments (very very few) on this one. PW remains unchanged

I think I have sent you feedback on all that you sent me. Please advise if this is not the case and let me know which one(s) I still owe you

Thanks for all the help!

Cheers!

(See attached file: BRAMNICK _ 6169-407 Draft Patent Appln.zip)

Arnold H. Bramnick
 Senior Solutions Architect
 SWG - Travel & Transportation Industry
 8051 Congress Ave.
 M/S 3097
 Boca Raton, Florida 33487

(561) 392-6696 T/L 631-8488 (voice)
 (845) 491-3330 (fax)
 (561) 703-6952 (mobile)
 bramnick@us.ibm.com

Exhibit "D"

| | | |
|--|--|--|
| | "Kevin T. Cuenot" <KCuenot@Akerman.com> 11/28/2003 03:47 PM | |
| | To: Arnold H Bramnick/Fort Lauderdale/IBM@ibmus, Ken Burch/Fort Lauderdale/IBM@IBMUS, Lee Farnum/Southbury/IBM@IBMUS cc: "Alaine Allison" <AAllison@Akerman.com>, Melanie Esquivel/Boca Raton/Contr/IBM@ibmus, Elaine | |

Venturelli/Boca Raton/IBM@IBMUS
Subject: Draft Patent Application (BOC9-2003-0038; 6169-407)

RE: Draft Patent Application for SYSTEM AND METHOD TO RE-ACCOMMODATE
AIRLINE PASSENGERS ON AN INDIVIDUALIZED BASIS VIA A SELF-SERVICE DEVICE
IBM Docket No. BOC9-2003-0038; Our Reference No. 6169-407

Dear Inventors:

Attached please find a draft of a patent application and associated drawings for your review in the above-identified matter. Please review the application carefully to ensure that the description of the invention accurately recites all of the invention's characteristics in the broadest possible manner, while also explaining, in detail, the preferred embodiment of the invention. The drawings should also be reviewed to confirm that they accurately depict the various details of the invention as you and your co-inventors understand them.

Importantly, please ensure that each inventor named on the cover sheet of the patent application has contributed to the conception of your invention as described in at least one of these claims. If, for some reason we have neglected to list an inventor who has contributed to the conception of subject matter described in a claim, please so advise us immediately.

Once you have reviewed the draft application, please forward your comments and/or any suggestions you may have.

Please keep in mind that we have been asked by the IP Law Department to file the referenced patent application in the U.S. Patent and Trademark Office on or December 15, 2003, and as such, would appreciate your prompt attention to this request.

Very truly yours,

AKERMAN SENTERFITT

Kevin T. Cuenot
Akerman Senterfitt
222 Lakeview Avenue, Suite 400
West Palm Beach, FL 33401
(561) 671-3658 (Phone)
(561) 659-6313 (Fax)
E-Mail: kcuenot@akerman.com

6169-407.zip has been removed from this note on December 01, 2003 by
Arnold H Bramnick

Alaine Allison - IBM Docket BOC9-2003-0038 / Our Docket 6169-407

From: Kevin T. Cuenot (Alaine Allison)
To: Bramnick, Arnold H.; Burch, James Kendall; Farnum, Lee Elizabeth
Date: 12/2/2003 2:31 PM
Subject: IBM Docket BOC9-2003-0038 / Our Docket 6169-407
CC: Cuenot, Kevin T.; Esquivel, Melanie; eventure@us.ibm.com

RE: Final Draft Patent Application for
SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON A INDIVIDUALIZED BASES
VIA A SELF-SERVICE DEVICE
IBM Docket No. BOC9-2003-0038; Our Docket No. 6169-407

Dear Inventors:

Enclosed please find for execution a final draft of the above-identified patent application, a REDLINED version of the patent application which reflects the requested revisions, Drawings, the Declaration and Power of Attorney, the Assignment, and the Oath and Assignment for the Republic of China.

After your review of the revised application, if the patent application accurately recites all of the invention's characteristics, If MS. FARNUM could please print out the formal documents, send them via overnight to Melanie Esquivel in Boca Raton, then she can have Mr. Bramnick and Mr. Burch sign and date where indicated. Ms. Esquivel will then fax the formal documents to our attention for filing.

Please keep in mind that we have been asked by the IP Law Department to file the referenced patent application in the U.S. Patent and Trademark Office on or before December 15, 2003, and as such, would appreciate your prompt attention to this request.

Please feel free to contact Mr. Cuenot or myself should you have any questions or comments.

Very truly yours,

AKERMAN SENTERFITT

Kevin T. Cuenot, Esquire*
222 Lakeview Avenue, Suite 400
West Palm Beach, FL 33402-3188
Voice: (561) 671-3658
Fax: (561) 659-6313
E-mail: kcuenot@akerman.com
Web: www.akerman.com
*Licensed to practice before the
United States Patent and Trademark Office

Sent on Mr. Cuenot's behalf to avoid delay

Alaine Allison
Secretary to Kevin T. Cuenot, Esquire
and Brian K. Buchheit, Esquire
AKERMAN SENTERFITT
222 Lakeview Avenue, Suite 400
West Palm Beach, FL 33402
PH: 561-653-5000
FAX: 561-659-6313
E-Mail: aallison@akerman.com

Exhibit "E"

Mail Envelope Properties (3FCCE87A.B3B : 17 : 46339)**Subject:** IBM Docket BOC9-2003-0038 / Our Docket 6169-407**Creation Date:** 12/2/03 2:31PM**From:** Kevin T. Cuenot (Alaine Allison)**Created By:** AAllison@Akerman.com

| Recipients | Action | Date & Time |
|-----------------------------------|--------|-------------|
| Akerman.com | | |
| WPBPO2.WPBDOM2 | | |
| KCuenot CC (Kevin T. Cuenot) | | |
| us.ibm.com | | |
| bramnick (Arnold H. Bramnick) | | |
| esquim CC (Esquivel, Melanie) | | |
| eventure CC (eventure@us.ibm.com) | | |
| ken.burch (James Kendall Burch) | | |
| lfarnum (Lee Elizabeth Farnum) | | |

| Post Office | Delivered | Route |
|----------------|-----------|-------------|
| WPBPO2.WPBDOM2 | Pending | Akerman.com |
| | Pending | us.ibm.com |

| Files | Size | Date & Time |
|---------------------------|--------|------------------|
| MESSAGE | 3622 | 12/02/03 02:31PM |
| TEXT.htm | 4524 | |
| 6169-407 Final Patent.zip | 405479 | 12/02/03 02:26PM |

Options

| | |
|-----------------------------|----------|
| Auto Delete: | No |
| Expiration Date: | None |
| Notify Recipients: | Yes |
| Priority: | Standard |
| Reply Requested: | No |
| Return Notification: | None |

| | |
|---------------------------|----------|
| Concealed Subject: | No |
| Security: | Standard |

| | |
|-------------------------|--------------------|
| To Be Delivered: | Immediate |
| Status Tracking: | Delivered & Opened |

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON A
INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE**

the specification of which is attached hereto and identified by the Attorney Docket Number appearing above.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

| <u>Number</u> | <u>Country</u> | <u>Day/Month/Year</u> | <u>Priority Claimed</u> |
|---------------|----------------|-----------------------|-------------------------|
|---------------|----------------|-----------------------|-------------------------|

I hereby claim the benefit (a) under Title 35, United States Code, § 119(e) of any U.S. application listed below and identified as a provisional application, or (b) under Title 35, United States Code, § 120 of any U.S. application listed below and not identified as a provisional application, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior U.S. application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Prior U.S. Application(s)

| <u>Serial Number</u> | <u>Filing Date</u> | <u>Status</u> |
|----------------------|--------------------|---------------|
|----------------------|--------------------|---------------|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

| | | | |
|-----------------------|-----------------|---------------------|-----------------|
| J. Rodman Steele, Jr. | Reg. No. 25,931 | Theodore M. Green | Reg. No. 41,801 |
| Gregory A. Nelson | Reg. No. 30,577 | Michael K. Dixon | Reg. No. 46,665 |
| Joseph W. Bain | Reg. No. 34,290 | Sarah E. Smith | Reg. No. 50,488 |
| Stanley Kim | Reg. No. 42,730 | Amy A. Ostrom | Reg. No. 52,088 |
| Mark D. Passler | Reg. No. 40,764 | Brian K. Buchheit | Reg. No. 52,667 |
| Kevin T. Cuenot | Reg. No. 46,283 | Margaret J. McLaren | Reg. No. 53,303 |
| Neil R. Jetter | Reg. No. 46,803 | Peter A. Chiabotti | Reg. No. 54,603 |
| Pablo Meles | Reg. No. 33,739 | Richard A. Tomlin | Reg. No. 24,449 |

Send correspondence to Gregory A. Nelson, Akerman Senterfitt, 222 Lakeview Avenue, Fourth Floor, P.O. Box 3188, West Palm Beach, Florida 33402-3188 and direct all telephone calls to Gregory A. Nelson at (561) 653-5000.

| | |
|------------------------|--------------------|
| <i>First Inventor:</i> | Arnold H. BRAMNICK |
|------------------------|--------------------|

Signature: _____

Residence: Boca Raton, FL

Date

Citizenship: United States

Post Office Address: 7659 Newport Terrace, Boca Raton, FL 33433

| | |
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| <i>Second Inventor:</i> | J. Kendall BURCH |
|-------------------------|------------------|

Signature: _____

Residence: Cooper City, FL

Date

Citizenship: United States

Post Office Address: 3301 Bridge Road, Cooper City, FL 33026

| | |
|------------------------|---------------|
| <i>Third Inventor:</i> | Lee E. FARNUM |
|------------------------|---------------|

Signature: _____

Residence: Fairfield, CT

Date

Citizenship: United States

Post Office Address: 245 Unquowa Road, Unit 119, Fairfield, CT 06824

ASSIGNMENT

WHEREAS, we:

- | | | |
|-----|--|--|
| (1) | Arnold H. Bramnick County of Palm Beach | Of Boca Raton and State of Florida |
| (2) | J. Kendall Burch County of Broward | Of Cooper City and State of Florida |
| (3) | Lee E. Farnum County of Fairfield | Of Fairfield and State of Connecticut |

have invented certain improvements in

SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON AN INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE

and executed a United States patent application therefore on the following date(s):

- (1) _____
- (2) _____
- (3) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York, 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

SIGNED AND SEALED:

| | <u>LOCATION</u> | <u>DATE</u> | <u>SIGNATURE</u> |
|-----|-----------------|-------------|-----------------------------|
| (1) | _____ | _____ | _____ Arnold H. Bramnick |
| (2) | _____ | _____ | _____ J. Kendall Burch |
| (3) | _____ | _____ | _____ Lee E. Farnum |

REPUBLIC OF CHINA OATH AND ASSIGNMENT

1. The undersigned: Arnold H. Bramnick, J. Kendall Burch, and Lee E. Farnum

Citizen(s) of: United States

residing at: 7659 Newport Terrace, Boca Raton, FL 33433
3301 Bridge Road, Cooper City, FL 33026
245 Unquowa Road, Unit 119, Fairfield, CT 06824

hereby undertake that the invention/new utility model/new design entitled

**SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON AN
INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE**

was truly invented by us. The undersigned agree to accept punishments provided for in laws in case of any imposture, plagiarism, imitation or deceptive activities and understands that willful false statements are punishable by law.

2. The undersigned hereby assign all my/our rights and interests regarding the invention/new utility model/new design as far as the Republic of China is concerned to:

INTERNATIONAL BUSINESS MACHINES CORPORATION

(hereinafter called Assignee), a corporation organized and existing under the laws of the State of New York, United States of America;

and located at New Orchard Road, Armonk, New York 10504, United States of America;

and do hereby declare that the Assignee is entitled to applying for and obtaining patent rights on the invention/new utility model/new design in its own name in the Republic of China.

Signature(s)

Date

Arnold H. Bramnick

J. Kendall Burch

Lee E. Farnum

Exhibit "F"

Docket No.: BOC9-2003-0038 (407)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON A
INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE**

the specification of which is attached hereto and identified by the Attorney Docket Number appearing above.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

| <u>Number</u> | <u>Country</u> | <u>Day/Month/Year</u> | <u>Priority Claimed</u> |
|---------------|----------------|-----------------------|-------------------------|
|---------------|----------------|-----------------------|-------------------------|

I hereby claim the benefit (a) under Title 35, United States Code, § 119(e) of any U.S. application listed below and identified as a provisional application, or (b) under Title 35, United States Code, § 120 of any U.S. application listed below and not identified as a provisional application, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior U.S. application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Prior U.S. Application(s)

| <u>Serial Number</u> | <u>Filing Date</u> | <u>Status</u> |
|----------------------|--------------------|---------------|
|----------------------|--------------------|---------------|


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

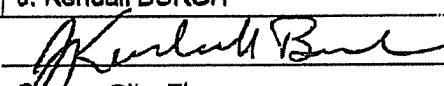
Docket No.: BOC9-2003-0038 (407)

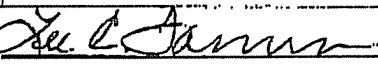
As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

| | | | |
|-----------------------|-----------------|---------------------|-----------------|
| J. Rodman Steele, Jr. | Reg. No. 25,931 | Theodore M. Green | Reg. No. 41,801 |
| Gregory A. Nelson | Reg. No. 30,577 | Michael K. Dixon | Reg. No. 46,665 |
| Joseph W. Bain | Reg. No. 34,290 | Sarah E. Smith | Reg. No. 50,488 |
| Stanley Kim | Reg. No. 42,730 | Amy A. Ostrom | Reg. No. 52,088 |
| Mark D. Passler | Reg. No. 40,764 | Brian K. Buchheit | Reg. No. 52,667 |
| Kevin T. Cuenot | Reg. No. 46,283 | Margaret J. McLaren | Reg. No. 53,303 |
| Neil R. Jetter | Reg. No. 46,803 | Peter A. Chlabottl | Reg. No. 54,603 |
| Pablo Meles | Reg. No. 33,739 | Richard A. Tomlin | Reg. No. 24,449 |

Send correspondence to Gregory A. Nelson, Akerman Senterfitt, 222 Lakeview Avenue, Fourth Floor, P.O. Box 3188, West Palm Beach, Florida 33402-3188 and direct all telephone calls to Gregory A. Nelson at (561) 653-5000.

| | | | |
|-----------------------------|---|------------------|-------------|
| First Inventor: | Arnold H. BRAMNICK | | |
| Signature: |  | 12/8/2003 | Date |
| Residence: | Boca Raton, FL | | |
| Citizenship: | United States | | |
| Post Office Address: | 7659 Newport Terrace, Boca Raton, FL 33433 | | |

| | | | |
|-----------------------------|---|----------------|-------------|
| Second Inventor: | J. Kendall BURCH | | |
| Signature: |  | 12/5/03 | Date |
| Residence: | Cooper City, FL | | |
| Citizenship: | United States | | |
| Post Office Address: | 3301 Bridge Road, Cooper City, FL 33026 | | |

| | | | |
|-----------------------------|---|----------------|-------------|
| Third Inventor: | Lee E. FARNUM | | |
| Signature: |  | 12/2/03 | Date |
| Residence: | Fairfield, CT | | |
| Citizenship: | United States | | |
| Post Office Address: | 245 Unquowa Road, Unit 119, Fairfield, CT 06824 | | |

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Arnold H. Bramnick
J. Kendall Burch
Lee E. Farnum**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: **International Business Machines Corporation**

Internal Address:

Street Address: **New Orchard Road
Armonk, New York 10504**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Dates: **12/08/03, 12/05/03, 12/02/03**

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

12/08/03, 12/05/03, 12/02/03

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Gregory A. Nelson, Esquire**

Internal Address:

Street Address: **AKERMAN SENTERFITT
222 Lakeview Avenue
P.O. Box 3188
West Palm Beach, FL 33402-3188**

6. Total number of applications and patents involved: **One**

7. Total Fee (37 CFR 34)\$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

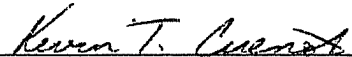
8. Deposit account number
50-0951


(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.


Kevin T. Cuenot, Reg. No. 46,283


Date

Docket No. BOC9-2003-0038 (407)

Total number of pages including cover sheet: 2

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks, Box Assignments
 P.O. Box 1450, Alexandria, VA 22213-1450

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IBM Docket No.: BOC9-2003-0038 (407)

ASSIGNMENT

WHEREAS, we:

- | | | |
|-----|--|--|
| (1) | Arnold H. Bramnick County of Palm Beach | Of Boca Raton and State of Florida |
| (2) | J. Kendall Burch County of Broward | Of Cooper City and State of Florida |
| (3) | Lee E. Farnum County of Fairfield | Of Fairfield and State of Connecticut |

have invented certain improvements in

**SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON AN
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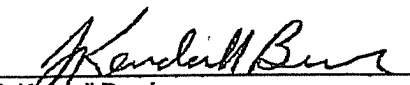

and executed a United States patent application therefore on the following date(s):

- | | |
|-----|-----------------------------|
| (1) | <u>12/8/2003</u> |
| (2) | <u> </u> |
| (3) | <u> </u> |

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York, 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

SIGNED AND SEALED:

| | <u>LOCATION</u> | <u>DATE</u> | <u>SIGNATURE</u> |
|-----|------------------------|------------------|---|
| (1) | <u>Boca Raton, FL</u> | <u>12/8/2003</u> | <u></u> Arnold H. Bramnick |
| (2) | <u>Cooper City, FL</u> | <u>12/5/03</u> | <u></u> J. Kendall Burch |
| (3) | <u>Fairfield, CT</u> | <u>12/2/03</u> | <u></u> Lee E. Farnum |